

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	10609260			
<b>Filing Date:</b>	26-Jun-2003			
<b>Title of Invention:</b>	Methods and apparatuses for providing short digital signatures using curve-based cryptography			
<b>First Named Inventor/Applicant Name:</b>	Ramarathnam Venkatesan			
<b>Filer:</b>	Christopher W. Lattin/Jennifer Burda			
<b>Attorney Docket Number:</b>	MS1-1043US			
Filed as Large Entity				
<b>Utility      Filing Fees</b>				
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total in USD(\$)</b>
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
Post-Allowance-and-Post-Issuance:				
<b>Extension-of-Time:</b>				
Extension - 3 months with \$0 paid	1253	1	1050	1050

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Miscellaneous:</b>				
Submission- Information Disclosure Stmt	1806	1	180	180
<b>Total in USD (\$)</b>				<b>1230</b>